

FIG. 1

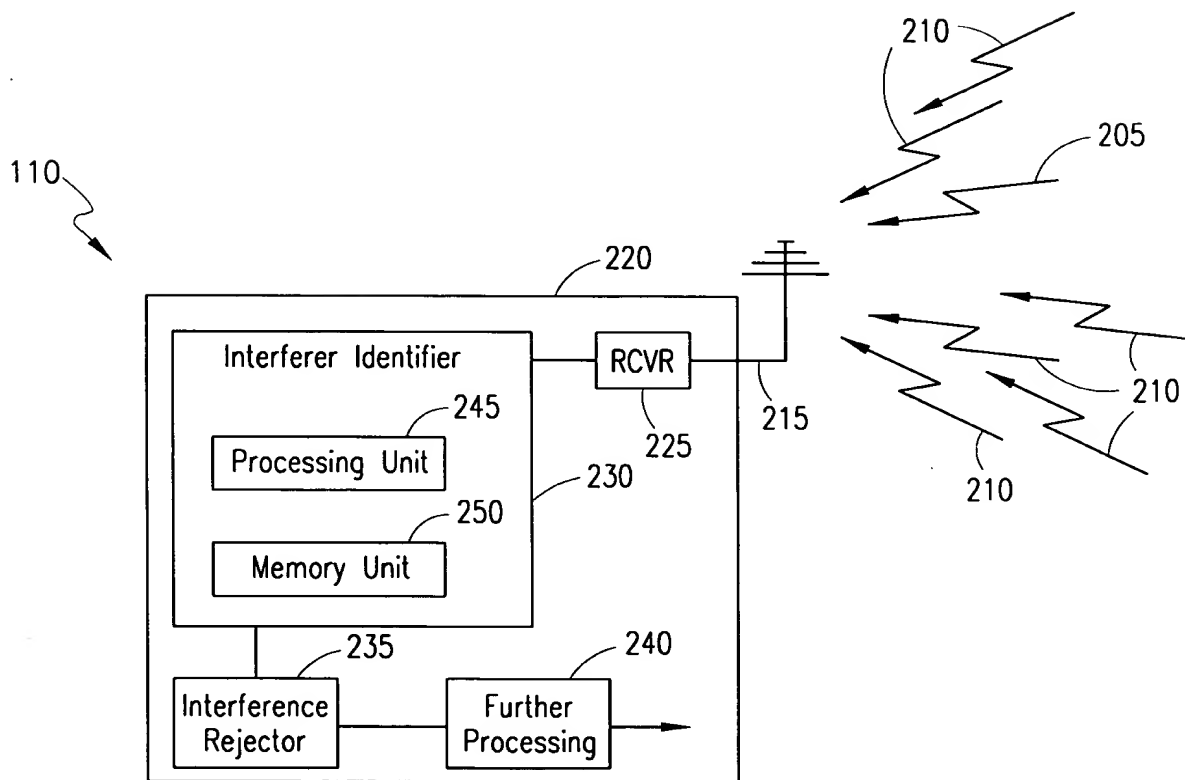


FIG. 2

300

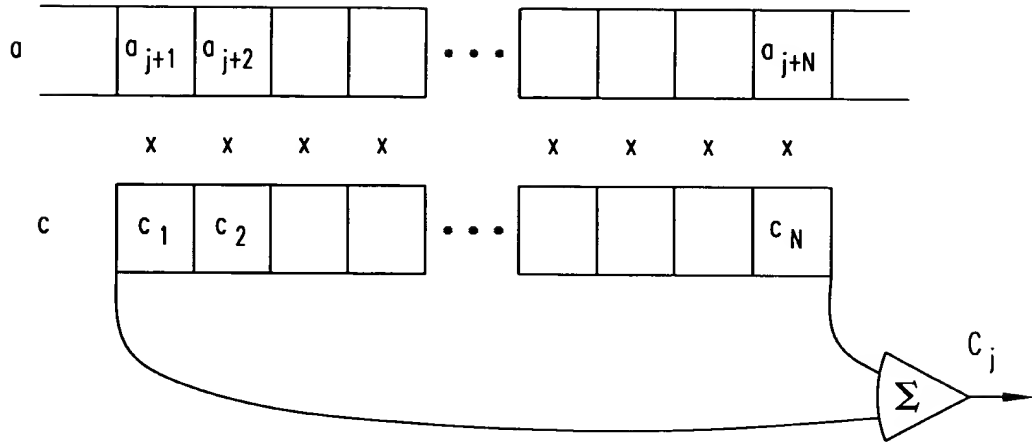


FIG. 3A

Training Sequences

320

index i	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
Seq. #																										
1	1	1	1	-1	1	1	1	1	-1	-1	-1	1	-1	-1	1	-1	1	1	1	-1	1	1	1	1	-1	-1
2	1	-1	1	-1	-1	1	1	1	1	1	-1	1	1	-1	-1	-1	1	-1	1	-1	-1	1	1	1	1	1
3	-1	1	-1	-1	1	1	1	-1	1	-1	1	1	-1	-1	-1	-1	-1	1	-1	-1	1	1	1	-1	1	-1
4	-1	-1	-1	1	1	-1	1	-1	1	1	1	-1	-1	1	-1	-1	-1	-1	-1	1	1	-1	1	-1	1	1
5	-1	1	-1	-1	-1	1	1	1	1	-1	1	1	-1	1	-1	-1	-1	1	-1	-1	-1	1	1	1	1	-1
6	-1	1	-1	-1	-1	-1	1	1	1	-1	1	1	1	-1	1	-1	-1	1	-1	-1	-1	-1	1	1	1	-1
7	-1	-1	1	-1	1	1	-1	1	1	1	-1	1	1	1	1	-1	-1	-1	1	-1	1	1	-1	1	1	1
8	-1	-1	1	-1	-1	1	-1	1	1	1	-1	-1	-1	-1	1	-1	-1	-1	1	-1	-1	1	-1	1	1	1

FIG. 3B

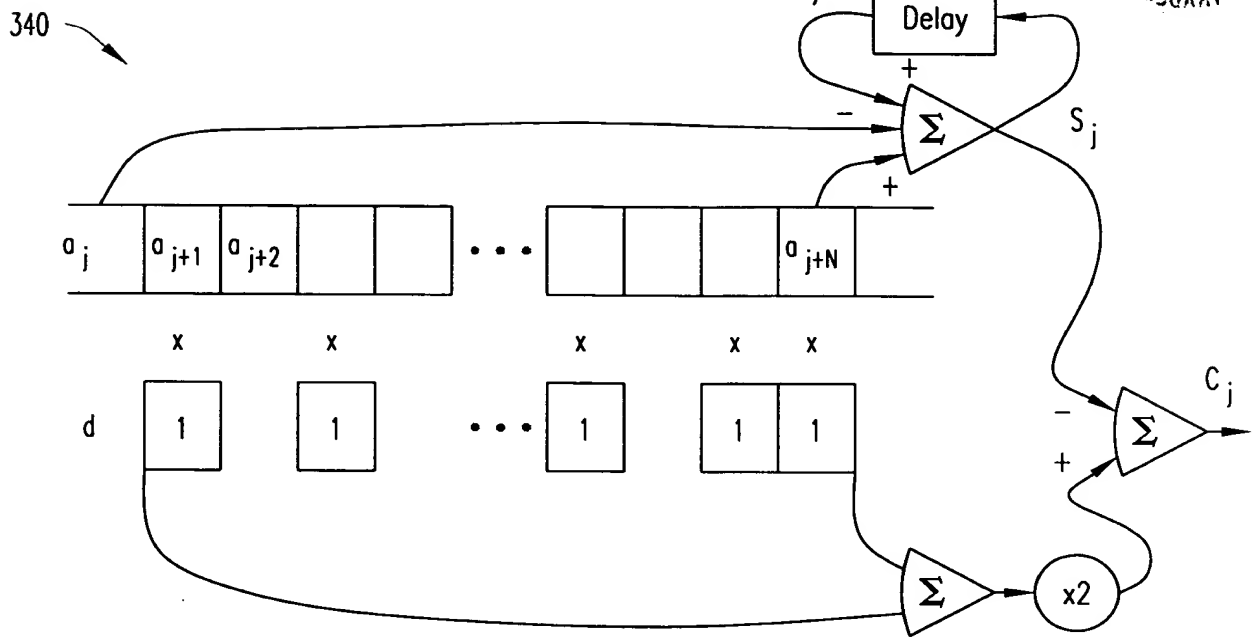


FIG. 3C

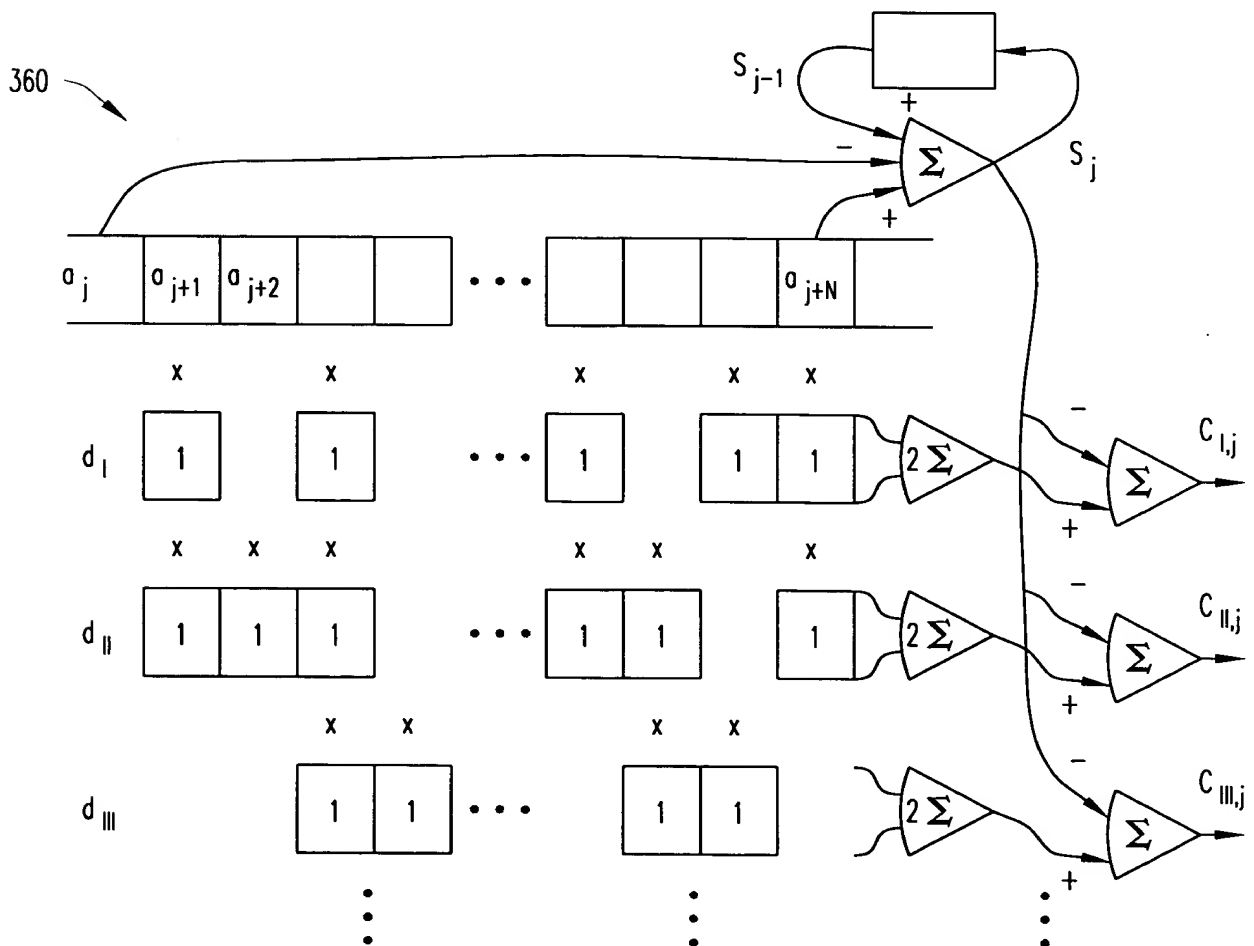
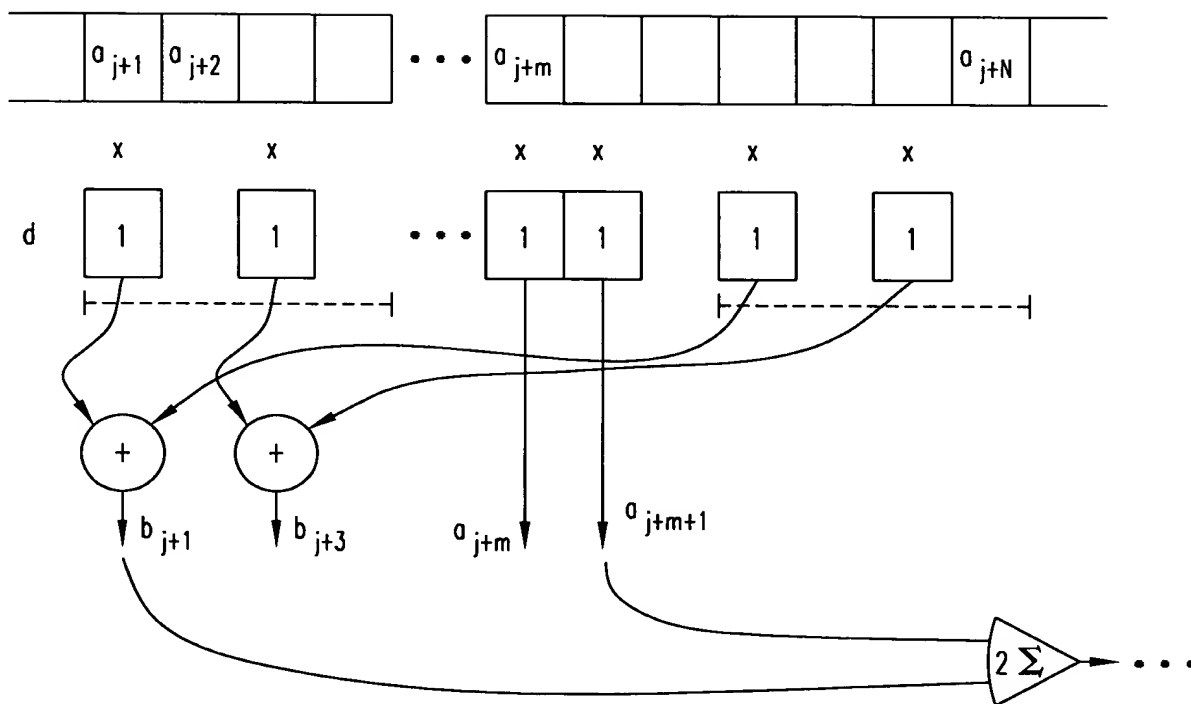


FIG. 3D



**FIG. 3E**

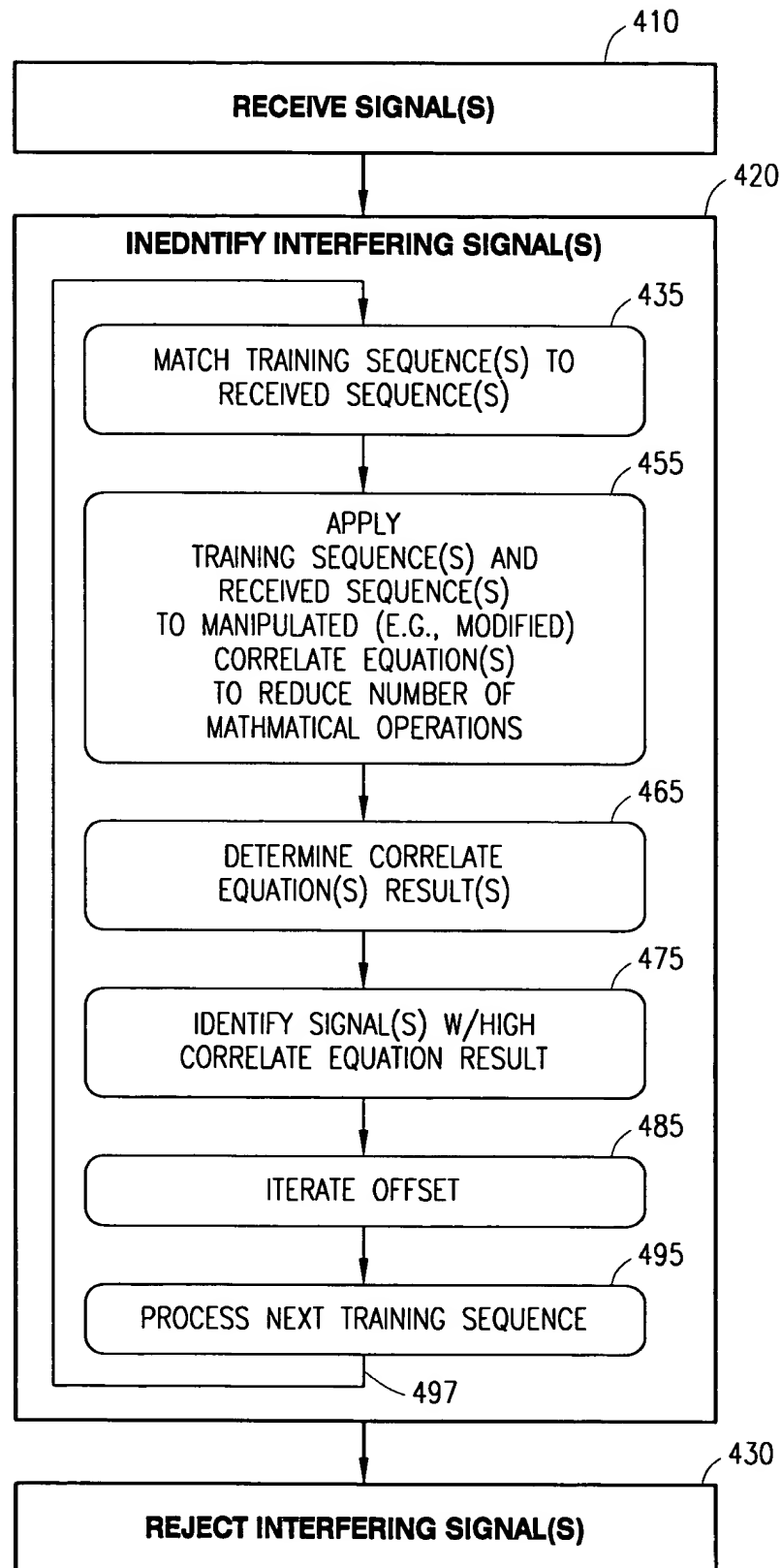
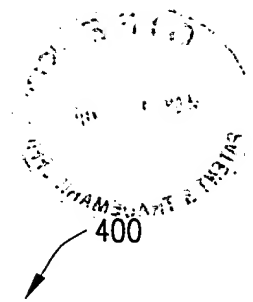
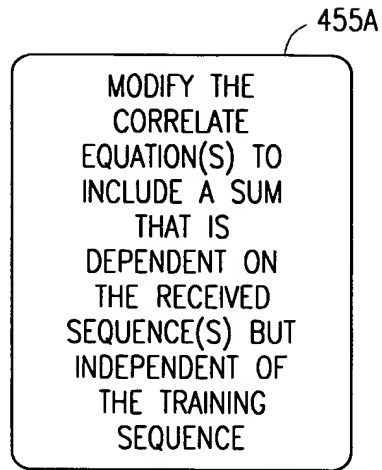
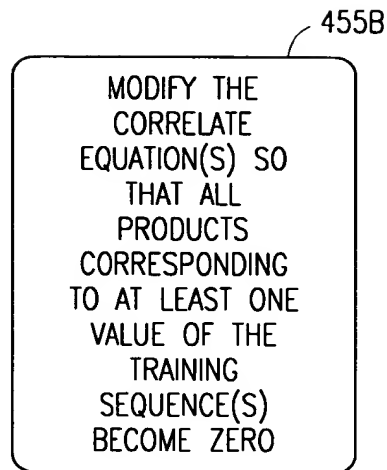
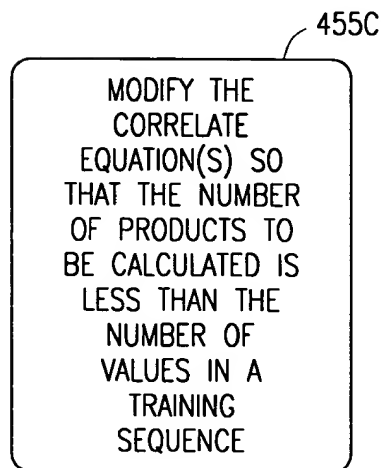
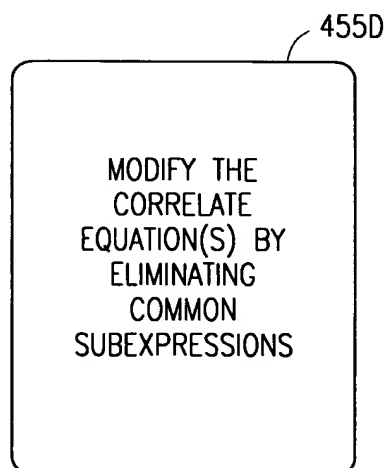
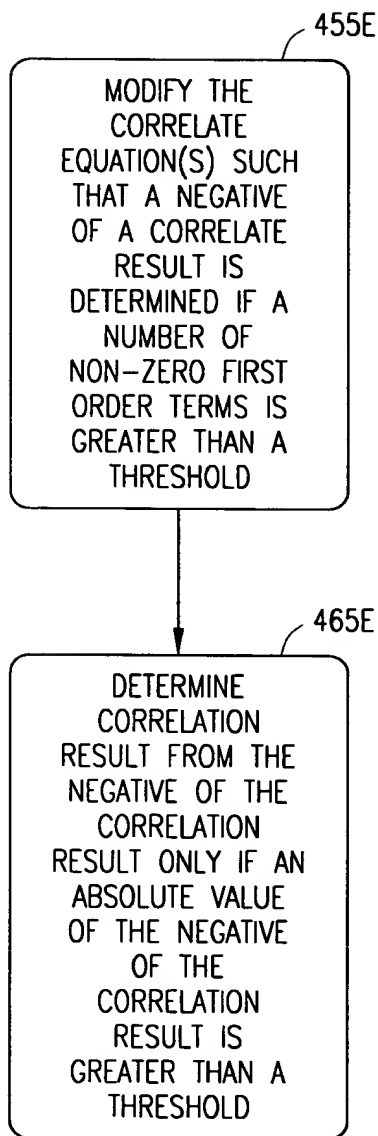


FIG. 4

*FIG. 4A**FIG. 4B**FIG. 4C**FIG. 4D*



	505	510	515
505a	a <sub>16</sub>	0000000000000000100000000000	00000000
	a <sub>15</sub>	0000000000000000100000000000	10000111
	a <sub>14</sub>	0000000000000000100000000000	00011010
	a <sub>13</sub>	0000000000000000100000000000	01000110
	a <sub>12</sub>	0000000000000000100000000000	11101110
	a <sub>11</sub>	0000000000000000100000000000	00111100
	b <sub>10</sub>	00000000000000000000000000001	01010011
	b <sub>9</sub>	000000000000000000000000000010	01111111
	b <sub>8</sub>	0000000000000000000000000000100	11001111
	b <sub>7</sub>	00000000000000000000000000001000	11111100
	b <sub>6</sub>	000000000000000000000000000010000	11101011
	b <sub>5</sub>	0000000000000000000000000000100000	10110010
	b <sub>4</sub>	00000000000000000000000000001000000	00010000
	b <sub>3</sub>	000000000000000000000000000010000000	11000011
	b <sub>2</sub>	0000000000000000000000000000100000000	10101100
	b <sub>1</sub>	00000000000000000000000000001000000000	11000000

FIG. 5

FIG. 4E